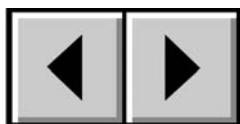


## How To Use This Manual

In the toolbar:



Previous Page / Next Page



Go to Beginning / Go to End

### Printing:

While optimized for onscreen viewing, the pages of this manual are formatted for printing on 8 1/2" x 11" and A4 sized paper, giving you the option to print the entire manual or just a specific page or section.

### To Exit:

From the Menu bar at the top of your screen, select: File > Quit.

## Icons Used In This Manual

These icons describe the type of information being given:



**Important Info:** This icon refers to an important step that must be followed.



**Tech Note:** This icon refers to tips to help maximize performance.



**Caution!** This icon indicates a potential hazard, and gives tips on how to avoid them.

## **Table of Contents**

Foreword	4
Precautions	5
<b>1. Introduction</b>	<b>6</b>
1.1. What Your LaCie silverscreen Can Do	6
<b>2. Your LaCie silverscreen</b>	<b>7</b>
2.1. Minimum System Requirements	7
2.2. Package Contents	9
2.3. Views Of The LaCie silverscreen	10
2.4. Cables & Connectors	11
2.4.1. A/V Cables	11
2.4.2. USB Cables	12
<b>3. Uploading Multi-Media Files To Your LaCie silverscreen</b>	<b>13</b>
3.1. Connecting The LaCie silverscreen To Your Computer	13
3.1.1. Connecting The USB Power Boost Adapter	14
3.2. Transferring Files From Your Computer To The LaCie silverscreen	15
3.3. Disconnecting The LaCie silverscreen From Your Computer	16
3.3.1. Windows Users	16
3.3.2. Mac Users	16
<b>4. Connecting The LaCie silverscreen To Your TV And Digital Stereo</b>	<b>17</b>
4.1. Connecting The LaCie silverscreen To Your TV	17
4.2. Connecting The LaCie silverscreen To Your Digital Stereo	17
<b>5. Playing Back Multi-Media Files With The LaCie silverscreen</b>	<b>18</b>
5.1. The Remote Control	18
5.1.1. Battery Installation	18
5.1.2. Remote Control Keys Index	18
5.1.2.1. Remote Control – Movies Index	19
5.1.2.2. Remote Control – Music Index	20
5.1.2.3. Remote Control – Pictures Index	21
5.1.2.4. Remote Control – Settings Index	22
5.2. Navigating The Menus	23
5.2.1. Main Menu	23
5.2.1.1. Movies	23
5.2.1.2. Music	24
5.2.1.3. Pictures	24
5.2.1.4. Settings	25

5.2.1.4.1. Language	25
5.2.1.4.2. Audio Settings	26
5.2.1.4.3. Video Settings	27
5.2.1.4.4. TV Type	28
5.2.1.4.5. Screen Saver	28
5.2.1.4.6. Firmware Update	29
5.2.1.4.7. DivX(R) VOD	30
<b>6. Resetting The File Structure</b>	<b>31</b>
6.1. Re-formatting Your LaCie silverscreen – Windows Users	32
6.2. Re-formatting Your LaCie silverscreen – Mac Users	33
<b>7. Technical Specifications</b>	<b>34</b>
7.1. ISO Compatibility	34
7.2. DivX Compatibility	34
7.3. XVID Compatibility	34
7.4. File System Formats	35
7.4.1. Windows Users	35
7.4.2. Mac Users	36
7.5. Available Storage Capacity	36
7.6. Optimizing Data Transfers	37
<b>8. USB Questions &amp; Answers</b>	<b>38</b>
<b>9. Troubleshooting</b>	<b>39</b>
9.1. Troubleshooting – Windows Users	40
9.2. Troubleshooting – Mac Users	43
9.3. Troubleshooting – TV/Stereo Connection	46
<b>10. Contacting Customer Support</b>	<b>48</b>
<b>11. Warranty</b>	<b>50</b>
<b>Glossary</b>	<b>51</b>

## **Copyrights**

Copyright © 2004 LaCie. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of LaCie.

## **Trademarks**

Apple, Mac and Macintosh are registered trademarks of Apple Computer, Inc. Microsoft, Windows 98, Windows 98 SE, Windows 2000, Windows Millennium Edition and Windows XP are registered trademarks of Microsoft Corporation. DivX® Certified and DivX® Video are registered trademarks of DivXNetworks, Inc. Dolby® and Dolby® Digital are registered trademarks of Dolby Laboratories, Inc. Other trademarks mentioned in this manual are the property of their respective owners.

## **Changes**

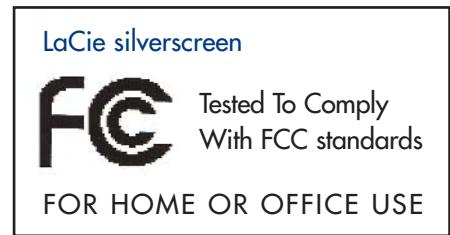
The material in this document is for information only and subject to change without notice. While reasonable efforts have been made in the preparation of this document to assure its accuracy, LaCie assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. LaCie reserves the right to make changes or revisions in the product design or the product manual without reservation and without obligation to notify any person of such revisions and changes.

## **Important Notice:**

The LaCie silverscreen is not designed, intended or may be used to violate any one's copyright or other IP (Intellectual Property) rights. Each LaCie silverscreen user may only use their LaCie silverscreen in conjunction with materials legally owned or licensed by such user, and only to the extent that such ownership or license rights permit such use.

## **FCC Statement**

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including any interference that may cause undesired operation.



## **Canada Compliance Statement**

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

## **Manufacturer's Declaration for CE Certification**



We hereby certify that this device is in compliance with both the EN 55022 (Emissions Environment) and EN 55024 (Immunity Environment) EMI test procedures, in addition to the following: EN 61000-4-3, EN 61000-4-4 and EN 61000-4-2. Subsequently, this product is fully CE compliant and assigned with the CE mark.

# Precautions



**Important Info:** Any loss, corruption or destruction of data while using a LaCie drive is the sole responsibility of the user, and under no circumstances will LaCie be held liable for the recovery or restoration of this data. To help prevent the loss of your data, LaCie highly recommends that you keep **TWO** copies of your data; one copy on your external hard drive, for instance, and a second copy either on your internal hard drive, another external hard drive or some other form of removable storage media, such as CD, DVD or Tape. LaCie offers a complete line of CD, DVD and Tape drives, and if you would like more information on backup, please refer to the LaCie white paper on backup methods and technology.

## Health And Safety Precautions:

Only qualified persons are authorized to carry out maintenance on this device.

- Read this User's Manual carefully, and follow the correct procedure when setting up the device.
- Do not open your hard drive or attempt to disassemble or modify it. Never insert any metallic object into the drive to avoid any risk of electrical shock, fire, short-circuiting or dangerous emissions. Your hard drive contains no user-serviceable parts. If it appears to be malfunctioning, have it inspected by a qualified LaCie Technical Support representative.
- Never expose your device to rain, or use it near water, or in damp or wet conditions. Never place objects containing liquids on the drive, as they may spill into its openings. Doing so increases the risk of electrical shock, short-circuiting, fire or personal injury.

## General Use Precautions:

- Do not expose the hard drive to temperatures outside the range of 5° C to 35° C (41° F to 95° F) during operation, or 0° C to 55° C (32° F to 131° F) during storage. Do not expose the hard drive to humidity outside the range of 10% to 90%, non-condensing during operation or storage. Doing so may damage the drive or disfigure its casing. Avoid placing your drive near a source of heat (such as on top of a TV or DVD player) or exposing it to sunlight (even through a window). Inversely, placing your drive in an environment that is too cold or humid may damage the unit. Place the drive in a well-ventilated space, and ideally allow up to 10cm of free space on all sides of the drive to allow for increased air circulation and cooling.
- Always unplug the hard drive from the electrical outlet if there is a risk of lightning or if it will be unused for an extended period of time. Otherwise, there is an increased risk of electrical shock, short-circuiting or fire.
- If you need to use the optional power supply, only use that specific power supply.
- Do not place heavy objects on top of the drive or use excessive force on it.
- Never use excessive force on your drive. If you detect a problem, consult the Troubleshooting section in this manual.
- Protect your hard drive from excessive exposure to dust during use or storage. Dust can build up inside the device, increasing the risk of damage or malfunction.
- Never use benzene, paint thinners, detergent or other chemical products to clean the outside of the drive. Such products will disfigure and discolor the casing. Instead, use a soft, dry cloth to wipe the device.



**Caution!** The drive's warranty may be void as a result of the failure to respect the precautions listed above.

# 1. Introduction

Congratulations on the purchase of your new LaCie silverscreen! The pocket-sized, portable LaCie silverscreen plugs directly into TVs, VCRs, cable boxes or satellite tuners sets for instant playback of stored home movies, music or photos. And with HDTV-quality video and Dolby® Digital or DTS quality audio, there's no compromise on performance.

To get started, use your Mac or PC to transfer your movies, music and photos to the LaCie silverscreen. Then, simply connect the LaCie silverscreen to your TV and use the included remote to easily navigate through the menus to listen to your music, view your photos or watch your movies.



The LaCie silverscreen allows you to choose from MPEG-1, MPEG-2 (AVI, VOB, ISO) and MPEG-4 (AVI, DivX®, XviD) video formats for easy playback. And the LaCie silverscreen offers several different connectivity options: NTSC/PAL composite and S-Video, SCART, component video (yPbPr) and VGA A/V.



**Important Info:** The LaCie silverscreen is not designed, intended or may be used to violate any one's copyright or other IP (Intellectual Property) rights. Each LaCie silverscreen user may only use their LaCie silverscreen in conjunction with materials legally owned or licensed by such user, and only to the extent that such ownership or license rights permit such use.

## 1.1. What Your LaCie silverscreen Can Do

- plug directly to your computer to store, archive or backup your multi-media files and data
- plug directly to your TV for instant playback of movies, music or photos
- ideal for delivering rough cuts to clients for review
- entertainment center for exhibitions and promotions
- truly portable – lightweight and slim for hassle-free travel

## 2. Your LaCie silverscreen

### 2.1. Minimum System Requirements

#### COMPUTERS

##### Supported Computers:

- Power Mac G3, G4 or G5 with a USB port, running Mac OS 9.x or Mac OS 10.x or later
- PC with a USB port, running Windows 98SE, Me, 2000 or XP



**Tech Note:** To achieve Hi-Speed USB 2.0 transfer rates, you must have the LaCie silverscreen attached to a Hi-Speed USB 2.0 port. Mac users must also be running Mac OS 10.2.8 or later. Mac OS 9.x does not support the transfer rates of Hi-Speed USB 2.0. Instead, all USB devices default to the USB 1.1 data transfer rates.

##### Supported File Systems:

- FAT 32 (Mac OS 9.x/Mac OS 10.x and Windows 98SE/Me/2000/XP)
- HFS + (Mac OS 9.x/Mac OS 10.x)
- NTFS (Windows 2000/XP only)

#### VIDEO

##### Supported Video File Formats:

- MPEG-1
- MPEG-2 (AVI, VOB, ISO)
- MPEG-4 (AVI; DivX 3.11, 4.x and 5.x; XviD)

##### Supported Video Outputs:

- Composite video: NTSC/PAL, S-Video – Composite RCA, Left Audio RCA, Right Audio RCA, S-Video mini-din
- Component video: Analog yPbPr (progressive or interlaced, scalable up to 1920x1080i or 1280x720p) – RGB Color Component Video 3 RCA, Left Audio RCA, Right Audio RCA
- SCART with RGB support
- VGA (scalable up to 1024x768)

#### AUDIO

##### Supported Audio File Formats:

- WAV
- WMA
- MP3
- MPEG-4 (AAC)
- ACE (Dolby Digital)
- OGG

##### Supported Audio Outputs:

- Dual Stereo analog audio
- Coaxial SPDIF digital audio (supports compressed Dolby Digital 5.1 and DTS pass through)

#### PHOTOS

##### Supported Photo Formats:

- JPEG (up to 8 mega pixels)



**Tech Note:** If the A/V cable included with your LaCie silverscreen does not match your playback method, please contact your LaCie reseller or LaCie Customer Support for information on additional cables (sold separately).

## LANGUAGES

### Supported Languages:

- English
- French
- German
- Greek
- Italian
- Japanese\*
- Korean\*
- Chinese (simplified and traditional)\*
- Spanish
- Swedish
- Thai
- Turkish

\*These fonts require an additional font. If you intend to use these languages, please contact your LaCie reseller or contact LaCie Customer Support.

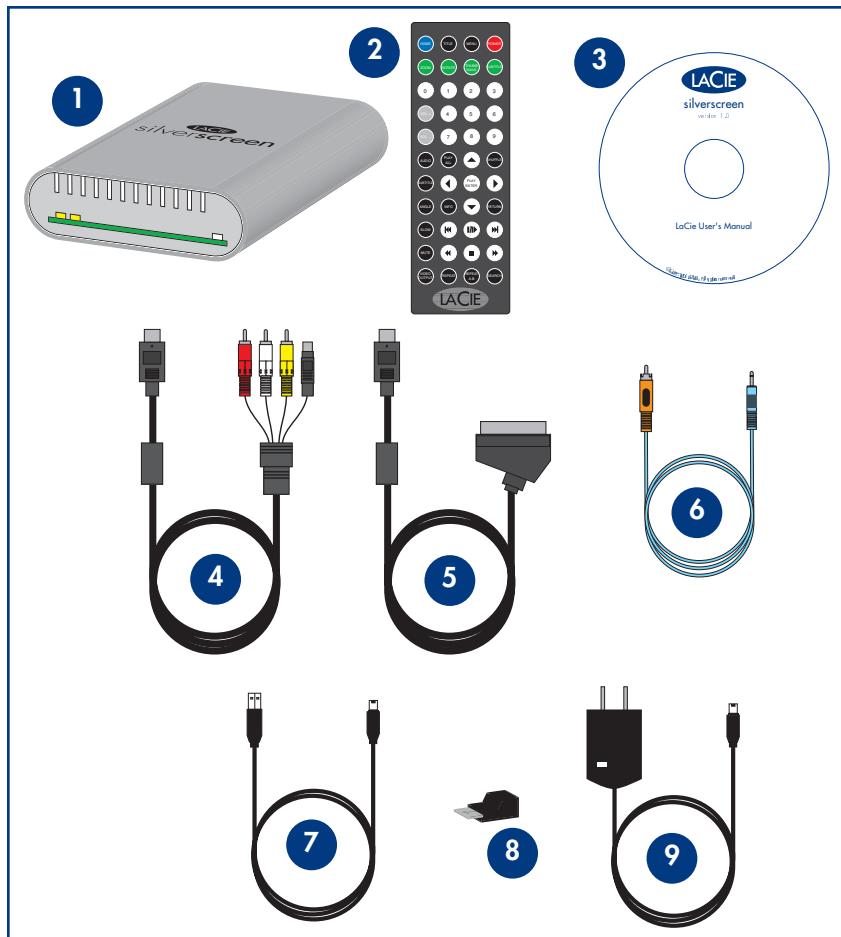


**Tech Note:** In the Language section of the Settings menu, additional languages may be listed in grey. This indicates that these languages are currently not available, but may become available with future firmware updates. Please contact your LaCie reseller or LaCie Customer Support for more information.

## 2.2. Package Contents

Your LaCie silverscreen should contain the following:

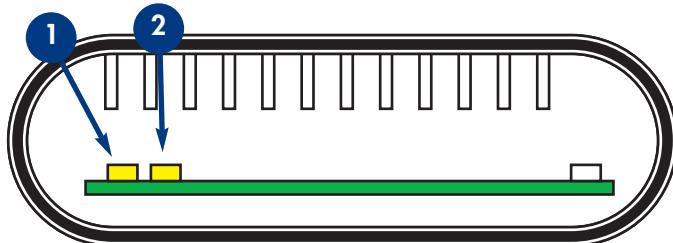
- 1 LaCie silverscreen (1)
- 2 LaCie silverscreen remote control (1)
- 3 LaCie silverscreen Utilities CD-ROM (1)
- 4 Composite A/V cable (1)
- 5 SCART A/V cable (1)
- 6 SPDIF cable (1)
- 7 Hi-Speed USB 2.0 mini cable (1)
- 8 USB Power Boost Adapter (1)
- 9 USB power supply (1)



**Important Info:** Please save your packaging. In the event that the drive should need to be repaired or serviced, it must be returned in its original packaging.

## 2.3. Views Of The LaCie silverscreen

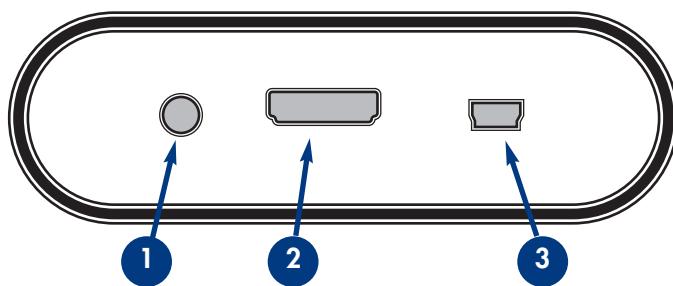
### Front View



**1 Computer Mode LED** – Turns green when the LaCie silverscreen is powered, and yellow when the LaCie silverscreen is being accessed.

**2 TV Mode LED** – Turns green when the LaCie silverscreen is powered, and yellow when the LaCie silverscreen is in stand-by mode.

### Rear View



**1 Digital Audio Port** – Used to connect the SPDIF cable (either copper coaxial or optical) to the LaCie silverscreen. Please see section [3.2.2. Connecting The LaCie silverscreen To Your Home Theatre Center](#) for more information.

**2 A/V Port** – Used to connect the A/V cable to the LaCie silverscreen. Please see section [3.2.1. Connecting The LaCie silverscreen To Your TV](#) for more information.

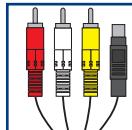
**3 Hi-Speed USB 2.0 Port** – Used to connect either the Hi-Speed USB 2.0 cable or the USB power adapter. Please see sections [3.1.1. Connecting The LaCie silverscreen To Your Computer](#) and [3.2.1. Connecting The LaCie silverscreen To Your TV](#) for more information.

## 2.4. Cables And Connectors

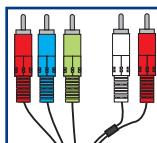
The LaCie silverscreen supports several methods for connecting the device to your home entertainment system as well as your computer.

### 2.4.1. A/V Cables

The A/V cables provide the audio and video signals to your stereo and TV. The LaCie silverscreen supports the following A/V standards: composite, component, SCART, VGA AV and SPDIF.



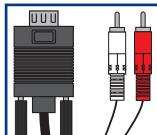
- **Composite** – This is the most standard video connection, featuring an S-Video input and a normal RCA input, as well as left and right audio inputs.



- **Component** – This is the video connection method for connecting the LaCie silverscreen to HDTVs and higher-end TVs (sold separately).



- **SCART** – This is the most standard video connection used in Europe, and features combined audio and video connections in one connector.



- **VGA A/V** – This video connection is used to connect the LaCie silverscreen to normal DB15 monitor connectors (sold separately).



- **SPDIF** – This is the digital audio connector used to enable surround sound, and connects to the digital input of your Dolby Digital or DTS home theatre A/V receiver.

Your LaCie silverscreen includes a composite, SCART and SPDIF cable. If you require a different connection please contact LaCie Customer Service.

## 2.4.2. USB Cables

USB is a serial input/output technology for connecting peripheral devices to a computer or to each other. Hi-Speed USB 2.0 is the latest implementation of this standard, and it provides the necessary bandwidth and data transfer rates to support high-speed devices such as hard drives, CD/DVD drives and digital cameras.

Benefits of the USB standard include:

- Backwards compatibility: Hi-Speed USB 2.0 works with the original USB specifications.
- Hot-swappable: no need to shut down or restart your computer when adding or removing devices.

Your LaCie drive is shipped with a Hi-Speed USB 2.0 cable, to ensure maximum data transfer performance when connected to a Hi-Speed USB 2.0 port. The cable will also work when connected to a USB port, but drive performance will be limited to USB 1.1 transfer rates.



**Hi-Speed USB 2.0 cable:** Connects USB devices to USB ports.

### USB Icons

These icons will help you easily identify the USB interfaces. They appear on USB cables and next to the USB port connectors on certain computers.



USB 2.0 icon



USB 1.1 icon

## 3. Uploading Multi-Media Files To Your LaCie silverscreen

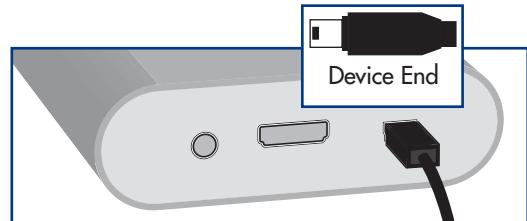
This section covers using your LaCie silverscreen when connected to your computer.

### 3.1. Connecting The LaCie silverscreen To Your Computer

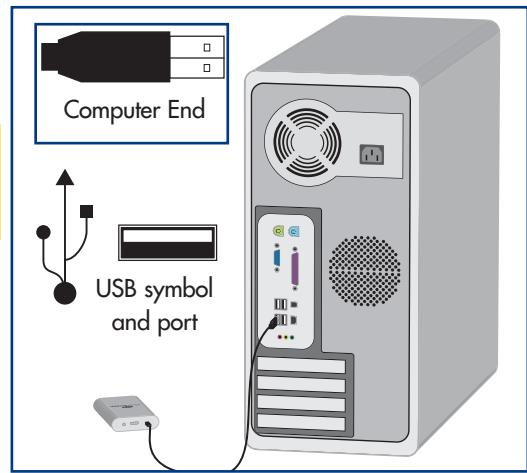


**Important Info:** **Windows 98SE Users!** Before connecting the LaCie silverscreen to your computer, you will need to install the USB 2.0 drivers. Insert the LaCie silverscreen Utilities CD-ROM, open the **W98SE** folder and then click on the **SETUP.EXE** icon to begin the installation. Once the installation is complete, click on the **OK** button to finish the installation process. You will then be ready to follow the steps below.

- 1) Connect the Hi-Speed USB 2.0 cable into the Hi-Speed USB 2.0 port on the back of the LaCie silverscreen.



- 2) Connect the other end of the Hi-Speed USB 2.0 cable into an available USB port\* on your computer. Your drive should power on automatically after connecting the USB cable. If the drive does not power on, you will need to utilize the included USB Power Boost Adapter – please see section [3.1.1. Connecting The USB Power Boost Adapter](#) for more information.



**Tech Note:** To achieve Hi-Speed USB 2.0 data transfer rates you need to be connected to a Hi-Speed USB 2.0 host interface. Otherwise, you will be limited to USB 1.1 speeds.

**Tech Note:** Apple does not support the Hi-Speed USB 2.0 standard under Mac OS 9.x. You will be limited to USB 1.1 speeds.

**Tech Note:** Windows XP Users! If you have installed Service Pack 2 (SP2), you will need to utilize the USB Power Boost Adapter to provide power to the LaCie silverscreen – please see section [3.1.1. Connecting The USB Power Boost Adapter](#).

- 3) It may take a few seconds for your computer to recognize the drive and for it to appear on the desktop or in **My Computer**. Once it appears, open the LaCie silverscreen.

### 3.1.1. Connecting The USB Power Boost Adapter

In the event that your USB interface does not provide the necessary power to operate your LaCie silverscreen, we have included the USB Power Boost Adapter to help provide the necessary power. Used in conjunction with your USB power supply, the USB Power Boost Adapter augments the power provided by the USB port on your computer.

You will need to use the USB Power Boost Adapter if you encounter one of the following:

- If after plugging in your LaCie silverscreen it is not recognized by your computer.
- If after plugging in your LaCie silverscreen it is initially recognized by your computer, but after a short period of time the connection is lost.
- If after connecting, the LaCie silverscreen is recognized but when transferring files to or from the LaCie silverscreen, its activity and performance are erratic.

#### Using The USB Power Boost Adapter

1) Plug the USB Power Boost Adapter into an available USB port on your computer.



**Tech Note:** To achieve Hi-Speed USB 2.0 data transfer rates you need to be connected to a Hi-Speed USB 2.0 host interface. Otherwise, you will be limited to USB 1.1 speeds.



2) Connect the LaCie silverscreen to the USB Power Boost Adapter using the included USB 2.0 cable.



3) Connect the USB Power Supply to the USB Power Boost Adapter and to an electrical outlet.

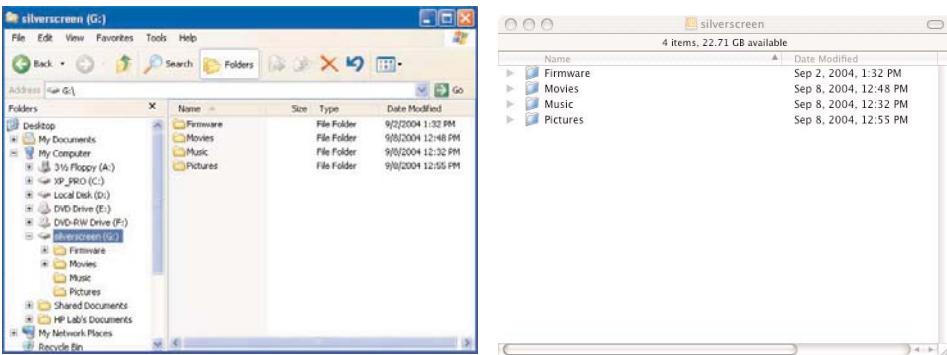


### 3.2. Transferring Files From Your Computer To The LaCie silverscreen

After the LaCie silverscreen is recognized by your computer, you will have the opportunity to add your music, photos and videos. To add files, simply drag and drop the appropriate files into their respective folders: **Movies**, **Music** and/or **Pictures**.



**Caution!** Do NOT change the name of any of the four folders – **Firmware**, **Music**, **Movies** or **Pictures**! Your LaCie silverscreen uses these specific folder names to locate files. The four folder names (in English) are the same for every language.



Folders	Movies	Music	Pictures
Types of Files	<ul style="list-style-type: none"><li>• MPEG-1</li><li>• MPEG-2 (AVI, VOB, ISO)</li><li>• MPEG-4 (AVI; DivX 3.11, 4.x and 5.x; XviD)</li></ul>	<ul style="list-style-type: none"><li>• WAV</li><li>• MP3</li><li>• MPEG-4 (AAC)</li><li>• ACE (Dolby Digital)</li></ul>	<ul style="list-style-type: none"><li>• JPEG (up to 8 mega pixels)</li></ul>

Within these folders, you can customize them by creating your own directories. For instance, within your **Movies** folder, you could create folders with names like "Action," "Horror," and "Comedies." Each of the three folders – **Movies**, **Music** and **Pictures** – can contain one or more subdirectories, and the organization of these subdirectories is at your discretion.



**Tech Note:** Your LaCie silverscreen also has the ability to store standard data files. In order to place data on the drive, simply create another folder, such as Data, where you can store your data files. Your data files will only be visible and accessible when your LaCie silverscreen is connected to your computer.

To remove files from their folders, simply drag them to the Trash or the Recycle Bin.



**Important Info:** If you want to remove files from the LaCie silverscreen, you must always empty the Trash or Recycle Bin after placing the files there. Otherwise, the files will still have a reference and occupy hard drive space.



**Tech Note:** Your LaCie silverscreen has been pre-formatted as a FAT 32 volume to allow it to operate on Macs and PCs. If you would like to reformat the drive, the LaCie silverscreen also supports NTFS (Windows 2000/XP) and HFS+ (Mac OS 9.x and Mac OS 10.x). Please see section [6. Resetting The File Structure](#) for more information.

### 3.3. Disconnecting The LaCie silverscreen From Your Computer

USB external devices feature “plug & play” connectivity, which means that your drive can be connected and disconnected while the computer is running. To prevent failures, it is important you follow these steps when disconnecting your USB peripheral device.



**Caution!** Do not disconnect the USB cable when the drive is reading or writing. Disconnecting while the drive is operating could cause the loss of data. Make sure that your drive is not reading or writing and that the activity LED is off before disconnecting the USB cable.

#### 3.3.1. Windows Users

1) From the **System Tray** (located in the lower right-hand side of your screen), click on the **Eject** icon (a small green arrow over a hardware image).



2) A message will appear, detailing the devices that the Eject icon controls, i.e. “Safely remove...” Click on this prompt.

3) You will then be given the following message: “Safe to Remove Hardware” (or similar). It is now safe to disconnect the device.

#### 3.3.2. Mac Users

You must unmount the hard drive system before disconnecting it or powering it down. Simply drag the LaCie silverscreen icon to the trash.

## 4. Connecting The LaCie silverscreen To Your TV And Digital Stereo

Now that you have all of the files you'd like to watch or listen to, it's time to take advantage of the high-quality video and output that your LaCie silverscreen provides.



**Important Info:** The LaCie silverscreen cannot be connected to a TV and computer at the same time.

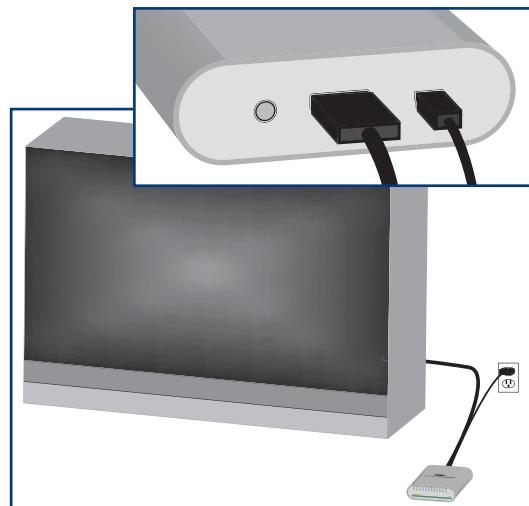
### 4.1. Connecting The LaCie Silverscreen To Your TV

Getting the LaCie silverscreen connected to your TV can be completed in two steps:

- 1) Using the included A/V cable, connect the LaCie silverscreen to your TV/VCR/Cable/Satellite box. Please consult the user manual of your TV/VCR/Cable/Satellite box for the exact location of your A/V ports.



**Important Info:** When using the Composite A/V cable, use either the S-Video connector or the yellow Composite RCA jack. Do not use both. You will not receive a signal if both the S-Video connector and the yellow Composite RCA jack are plugged in at the same time.



- 2) Connect the USB power supply to the LaCie silverscreen and to an electrical outlet.

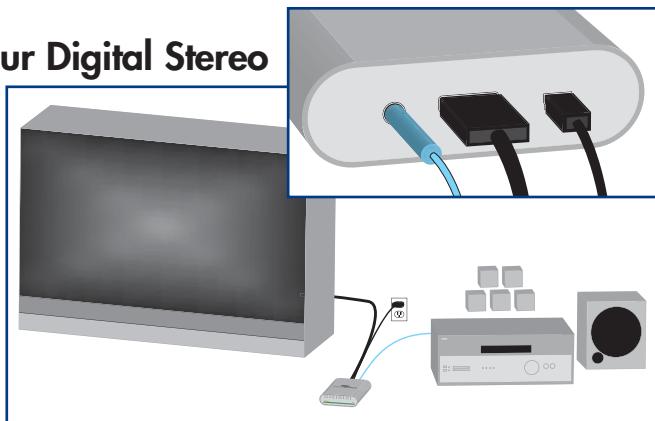


**Important Info:** After connecting the power to the LaCie silverscreen, it should power on automatically. The LED on the front of the drive turns green when the LaCie silverscreen is powered, and yellow when the LaCie silverscreen is in stand-by mode.

With this connection, all audio will be played back through the speakers of your TV. For digital audio playback, you will need to use the SPDIF cable included with your drive.

### 4.2. Connecting The LaCie silverscreen To Your Digital Stereo

After having followed the previous steps to connect the LaCie silverscreen to your TV/VCR/Cable/Satellite box and the power supply, attach the SPDIF cable from your LaCie silverscreen to the digital input of your Dolby Digital or DTS Home Theatre receiver/processor. Please consult your home theatre's user manual for the location of your SPDIF port.



## 5. Playing Back Multi-Media Files With The LaCie silverscreen

Now that your LaCie silverscreen is connected to your TV/Home Theatre Center, you will be able to enjoy all of the great multi-media files that you've uploaded to the LaCie silverscreen. This section will cover the Remote Control, how to use it and what all of the different keys mean, as well as helping you navigate the different menu options.

### 5.1. The Remote Control

Your LaCie silverscreen includes a handy remote control that will help you navigate through the LaCie silverscreen's functions as well as control the LaCie silverscreen while its connected to your TV/Home Theatre Center.



#### 5.1.1. Battery Installation

The Remote Control for the LaCie silverscreen uses one 3V, CR2025-type Lithium battery. The battery is shipped separately from the Remote Control and you will need to install the battery before you can use the Remote Control:

- 1) Remove the battery compartment cover/holder.
- 2) Load the battery onto the battery cover/holder. Position the battery so that the "+" sign on the battery faces the same direction as the "+" sign on the battery cover/holder.

**Important Info:** If you will not be using the Remote Control for an extended period of time, it is recommended that you remove the battery.

- 3) Slide the battery compartment cover/holder back into the remote.

#### 5.1.2. Remote Control Keys Index

The LaCie silverscreen's Remote Control helps you to control the LaCie silverscreen while its connected to your TV/Home Theatre Center. The four following sections illustrate the functionality of the remote control based on the operation being used.

**Important Info:** By pressing the following buttons in consecutive order, you can reset the LaCie silverscreen to its default settings: INFO, 0, 1, 2 and then RETURN.

The maximum distance between the LaCie silverscreen and the Remote Control is about 8 meters.

### 5.1.2.1. Remote Control – Movies Index

HOME – displays main menu

TITLE – displays the DVD film title of .ISO files

ZOOM – zoom in using the ▶ key; zoom out using the ◀ key; scroll up using the ▲ key; scroll down using the ▼ key.

ROTATE – N/A

VOL. + Increases volume

VOL. – Decreases volume

AUDIO – toggle audio language

PLAY ALL – Plays all files

SUBTITLE – toggle language subtitles

ANGLE – view a DVD from a different angle, .ISO files only

INFO – displays file information (e.g. size, format, etc.)

SLOW – forward function for .ISO files

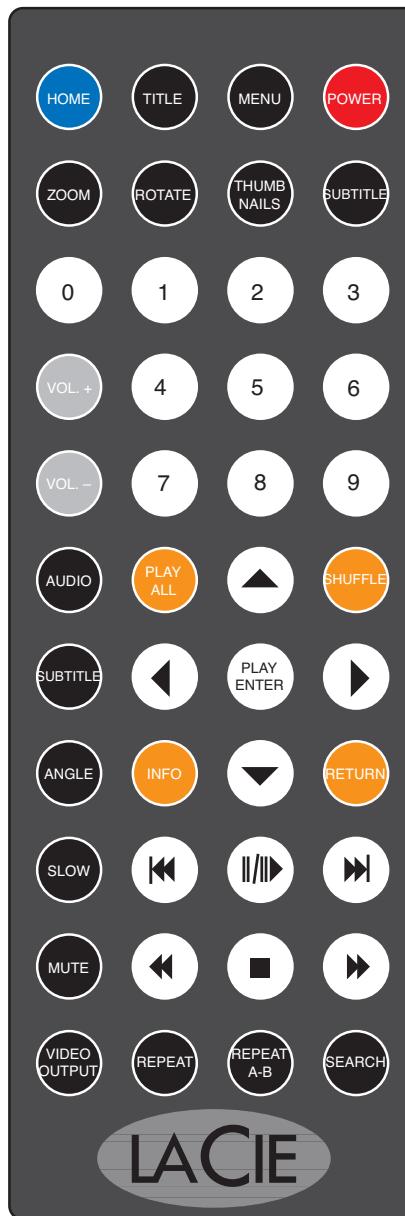
PREVIOUS TRACK – moves to the previous track for .ISO files and previous 5 minutes for DivX files

MUTE – mutes volume

REVERSE PLAY – plays file in reverse

VIDEO OUTPUT – toggle the video out format. You can switch between the individual video outputs by pressing this button. If you cannot see the correct image on the TV or VGA screen, press this button until correct image appears.

REPEAT – replays chapters or titles of .ISO files



MENU – displays the DVD menu of .ISO files

POWER – puts the LaCie silverscreen into Stand-by mode\*

THUMBNAILS – N/A

SUBTITLE – positions DivX subtitles

SHUFFLE – plays files randomly

NUMERICAL PAD

PLAY ENTER – select/play a movie

NAVIGATION BUTTONS – use these keys to scroll files

RETURN – return to the previous menu

PAUSE/STEP – pauses playback

NEXT TRACK – moves to the next track when playing .ISO files and the next 5 minutes for DivX files

STOP PLAYBACK – stops the file

FAST FORWARD – plays file in fast forward

REPEAT A-B – repeat between points A-B of .ISO files

SEARCH – search for the Time or Title/Chapter of .ISO files

\*To power the LaCie silverscreen off, the USB power supply must be unplugged.

### 5.1.2.2. Remote Control – Music Index

HOME – displays main menu

TITLE – N/A

ZOOM – N/A

ROTATE – N/A

VOL. + Increases volume

VOL. – Decreases volume

AUDIO – N/A

PLAY ALL – Plays all files

SUBTITLE – N/A

ANGLE – N/A

INFO – displays file information  
(e.g. size, format, etc.)

SLOW – N/A

PREVIOUS TRACK – moves to the  
previous song or the previous page  
in the file list

MUTE – mutes volume

REVERSE PLAY – reverses ~10  
seconds of the song

VIDEO OUTPUT – toggle the video  
out format. You can switch  
between the individual video  
outputs by pressing this button. If  
you cannot see the correct image  
on the TV or VGA screen, press  
this button until correct image  
appears.

REPEAT – N/A



MENU – N/A

POWER – puts the LaCie  
silverscreen into Stand-by mode\*

THUMBNAILS – N/A

SUBTITLE – N/A

SHUFFLE – plays files randomly

NUMERICAL PAD

PLAY ENTER – select/play a song

NAVIGATION BUTTONS – use  
these keys to scroll files

RETURN – return to the previous  
menu

PAUSE/STEP – pauses playback

NEXT TRACK – moves to the next  
song or page in the file list

STOP PLAYBACK – stops the file

FAST FORWARD – forwards ~10  
seconds of the song

REPEAT A-B – N/A

SEARCH – N/A

\*To power the LaCie silverscreen  
off, the USB power supply must be  
unplugged.

### 5.1.2.3. Remote Control – Pictures Index

HOME – displays main menu

TITLE – N/A

ZOOM – zoom in using the ▶ key; zoom out using the ◀ key; scroll up using the ▲ key; scroll down using the ▼ key.

ROTATE – rotates picture 90°

VOL. + N/A

VOL. – N/A

AUDIO – N/A

PLAY ALL – Plays all files

SUBTITLE – N/A

ANGLE – N/A

INFO – displays file information (e.g. size, format, etc.)

SLOW – N/A

PREVIOUS TRACK – moves to the previous image or page in the file list

MUTE – N/A

REVERSE PLAY – N/A

VIDEO OUTPUT – toggle the video out format. You can switch between the individual video outputs by pressing this button. If you cannot see the correct image on the TV or VGA screen, press this button until correct image appears.

REPEAT – N/A



MENU – N/A

POWER – puts the LaCie silverscreen into Stand-by mode\*

THUMBNAILS – activates previews

SUBTITLE – N/A

SHUFFLE – plays files randomly

NUMERICAL PAD

PLAY ENTER – select/play an image

NAVIGATION BUTTONS – use these keys to scroll files

RETURN – return to the previous menu

PAUSE/STEP – N/A

NEXT TRACK – moves to the next image or page in the file list, resumes play if a slideshow has been paused

STOP PLAYBACK – stops the file

FAST FORWARD – N/A

REPEAT A-B – N/A

SEARCH – N/A

\*To power the LaCie silverscreen off, the USB power supply must be unplugged.

#### 5.1.2.4. Remote Control – Settings Index

HOME – displays main menu

TITLE – N/A

ZOOM – N/A

ROTATE – N/A

VOL. + N/A

VOL. – N/A

AUDIO – N/A

PLAY ALL – N/A

SUBTITLE – N/A

ANGLE – N/A

INFO – N/A

SLOW – N/A

PREVIOUS TRACK – N/A

MUTE – N/A

REVERSE PLAY – N/A

**VIDEO OUTPUT** – toggle the video out format. You can switch between the individual video outputs by pressing this button. If you cannot see the correct image on the TV or VGA screen, press this button until correct image appears.

REPEAT – N/A



MENU – N/A

POWER – puts the LaCie silverscreen into Stand-by mode\*

THUMBNAILS – N/A

SUBTITLE – N/A

SHUFFLE – N/A

NUMERICAL PAD

PLAY ENTER – selects

NAVIGATION BUTTONS

RETURN – return to the previous menu

PAUSE/STEP – N/A

NEXT TRACK – N/A

STOP PLAYBACK – N/A

FAST FORWARD – N/A

REPEAT A-B – N/A

SEARCH – N/A

\*To power the LaCie silverscreen off, the USB power supply must be unplugged.

## 5.2. Navigating The Menus

This section will provide you with an overview of the different menu options of the LaCie silverscreen while it is connected to your TV.

### 5.2.1. Main Menu



When you first power on the LaCie silverscreen, the Main Menu will appear first. From this menu, you will have the ability to choose from four different menus:

- Movies
- Music
- Pictures
- Settings

You can scroll through the menus using the keys of the **Navigation Buttons**. To confirm your choice and enter a menu, press the **Play/Enter** button.

#### 5.2.1.1. Movies



This menu will display all of the "movie" files that you have uploaded to your LaCie silverscreen. You can scroll through the list of movies by using the **▲** and **▼** keys of the **Navigation Buttons**. To confirm your choice, press the **Play/Enter** button.

If you are viewing a DivX® movie, you can position the subtitles by pressing the **SUBTITLE** button. After pressing the button, two white template lines will appear. You can position the subtitles by using the **▲** and **▼** buttons. Press the **SUBTITLE** button again to set the subtitle position.

### 5.2.1.2. Music



This menu will display all of the "music" files that you have uploaded to your LaCie silverscreen. You can scroll through the music list by using the **▲** and **▼** keys of the **Navigation Buttons**. To confirm your choice, press the **Play/Enter** button.

### 5.2.1.3. Pictures



This menu will display all of the "picture" files that you have uploaded to your LaCie silverscreen. You can scroll through the list of pictures by using the **▲** and **▼** keys of the **Navigation Buttons**. To confirm your choice, press the **Play/Enter** button.

By pressing the **Thumbnails** button on the Remote Control, you will be able to view preview images of your pictures.

#### 5.2.1.4. Settings



The LaCie silverscreen **Settings** menu will help you to properly configure and customize your device. You can scroll through the **Settings** list by using the **▲** and **▼** keys of the **Navigation Buttons**. To confirm your choice, press the **Play/Enter** button.

##### 5.2.1.4.1. Language



The LaCie silverscreen allows you to select a specific language that will be used for the menu items and the subtitles of movies.

Use the **▲** and **▼** keys of the **Navigation Buttons** to select your language, and then press the **Play/Enter** button to activate your choice. Press the **Home** button to save your changes. Once your changes are activated, all the menu selections and wording will switch to the language that you selected.

### 5.2.1.4.2. Audio Settings



These settings are used to configure the audio playback of your LaCie silverscreen.

**Analog** – This selection is used when only using the A/V cable to connect the LaCie silverscreen to a TV. With this selection, the LaCie silverscreen outputs the audio to the L/R RCA jacks of the A/V cable.

**Digital** – This selection is used when using the SPDIF Digital Audio cable to connect the LaCie silverscreen to a home theatre receiver/processor. With this selection, the LaCie silverscreen outputs the audio via the SPDIF Digital Audio cable to a Dolby Digital or DTS Home Theatre receiver/processor for high-quality audio.

Use the **▲** and **▼** keys of the **Navigation Buttons** to select your audio output, and then press the **Play/Enter** button to activate your choice. Press the **Home** button to save your changes.

### 5.2.1.4.3. Video Settings



These settings are used to configure the format of the video output of the LaCie silverscreen. Each choice is dependent upon the A/V cable that you are using to connect the LaCie silverscreen to your TV.



**Important Info:** Before configuring the **Video Settings**, you must first have the appropriate cable connected to your LaCie silverscreen. For instance, if you will be enabling the "NTSC SCART" option, you will need to have connected the SCART A/V cable before choosing this option. Otherwise, the LaCie silverscreen will display incorrect images.

Use the **▲** and **▼** keys of the **Navigation Buttons** to select your **Video Setting**, and then press the **Play/Enter** button to activate your choice. Press the **Home** button to save your changes. Once activated, the video output will be changed to reflect your choice.

Possible settings:

- NTSC Composite/S-Video
- PAL Composite/S-Video
- NTSC Component
- PAL Component
- NTSC SCART
- PAL SCART
- HDTV Component 480p
- HDTV Component 720p
- HDTV Component 1020j
- VGA (at 1024x768)



**Tech Note:** When selecting, please keep the following in mind:

- NTSC (National Television Standards Committee) format; used primarily in the United States, Canada, Japan and elsewhere.
- PAL (Phase Alternation by Line) format; used primarily in European countries and other parts of the world.
- HDTV (High-Definition Television) format; your TV must be HDTV compliant for this feature to be employed.



**Important Info:** In the event that there has been an error in selecting a format (if, for instance you have the included A/V composite cable connected and the NTSC Component selection has been made in the **Video Settings**), press the **Video Output** button on the Remote Control repeatedly until the correct display appears. At this point, you can return to the **Video Settings** menu and make the correct selection.

#### 5.2.1.4.4. TV Type



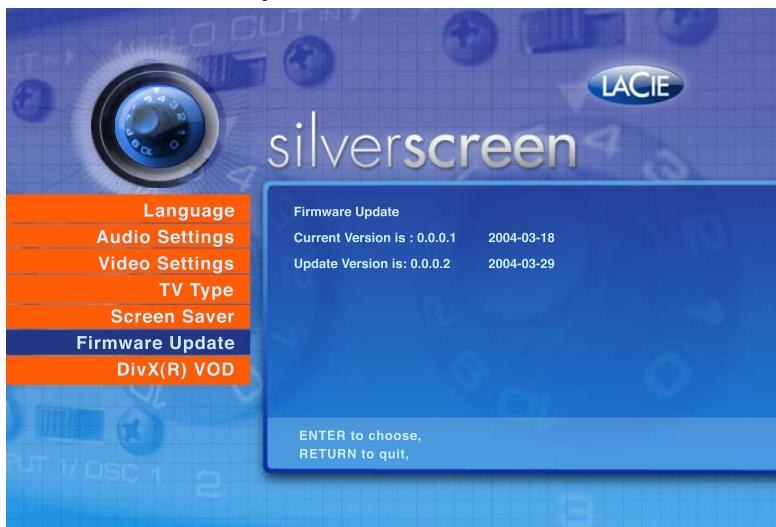
From this menu you can choose the appropriate aspect ratio for your TV. Use the **▲** and **▼** keys of the **Navigation Buttons** to select your **TV Type**, and then press the **Play/Enter** button to activate your choice. Press the **Home** button to save your changes.

#### 5.2.1.4.5. Screen Saver



The LaCie silverscreen allows you to select the amount of time that your device may be inactive before beginning the screen saver application. Use the **▲** and **▼** keys of the **Navigation Buttons** to select the time interval (Off, 5 min., 10 min., 30), and then press the **Play/Enter** button to activate your choice. Press the **Home** button to save your changes.

#### 5.2.1.4.6. Firmware Update



The LaCie silverscreen allows you to update the firmware of the device by reading firmware binary codes which are located in the **Firmware** folder.



**Caution!** Never delete or rename any of the four main directory folders - **Music**, **Movies**, **Pictures** or **Firmware**!

To use the **Firmware Update** function, first go to the LaCie Web site to download the most recent version of the LaCie silverscreen firmware. Once you have downloaded the firmware, connect the LaCie silverscreen to your computer and place the new firmware in the **Firmware** folder of the LaCie silverscreen.

Next, connect the LaCie silverscreen to your TV. Use the **▲** and **▼** keys of the **Navigation Buttons** to select the firmware version that you have just downloaded, and press the **Play/Enter** button to select your choice.

The firmware update procedure lasts for approximately 1 minute. Once the process has been completed, turn off the LaCie silverscreen and remove the power supply. Wait approximately 30 seconds before reconnecting the power supply and powering the LaCie silverscreen back on. The new firmware should begin when you restart the LaCie silverscreen.



**Caution!** Never turn off the LaCie silverscreen during the **Firmware Update** process! Doing so may damage your device. If, for any reason, the procedure fails (e.g. a power failure during the update), you may not be able to use your LaCie silverscreen. Please contact your reseller or LaCie Customer Support for more information.



**Important Info:** By pressing the following buttons in consecutive order, you can reset the LaCie silverscreen to its default settings: INFO, 0, 1, 2 and then RETURN.

#### 5.2.1.4.7. DivX(R) VOD



The LaCie silverscreen is a DivX® certified device and supports the new DivX® Video-On-Demand feature, which allows you to rent or buy DivX® VOD movies that are downloaded from the DivX® Web site.

To utilize this feature:

- 1) Connect the LaCie silverscreen to your TV and enter the **Settings** menu.
- 2) Use the ▲ and ▼ keys of the **Navigation Buttons** to scroll through the menu options and then press the **Play/Enter** button on the **DivX(R) VOD** setting until an 8-digit registration code is displayed. Write down this code.
- 3) Disconnect the LaCie silverscreen from your TV and connect it to your computer.
- 4) Go to the DivX® Web site – [www.divx.com/vod](http://www.divx.com/vod). From this site, you can register your LaCie silverscreen DivX® certified device by entering the 8-digit registration code.
- 5) Download your DivX® content directly to your LaCie silverscreen, choosing either the rent or buy option.
- 6) Connect the LaCie silverscreen to your TV again and enjoy your DivX® content!

## 6. Resetting The File Structure

The LaCie silverscreen is pre-formatted as a FAT 32 volume for maximum compatibility between Mac and Windows operating systems. But if you will be using the LaCie silverscreen with only one type of operating system (for instance, if you will only be using the LaCie silverscreen with a computer running Windows XP), you can reformat the LaCie silverscreen for optimal performance.

### File System Formats



**Tech Note:** FAT 32 has important file size limitations. Under Windows 2000 and XP, you cannot format a partition larger than 32GB, and files larger than 4GB (such as a large .ISO file) cannot be transferred. For more information on file system formats, please see section [7.4. File System Formats](#).

There are three different file system formats that are predominately found in Mac and Windows environments:

- Mac OS Extended (HFS+) – for Mac OS 9.x and Mac OS 10.x
- NTFS – for Windows 2000 and XP
- FAT 32 – for Windows 98SE/Me and legacy operating systems



**Important Info:** **Windows 98SE/Me Users!** Do NOT reformat your LaCie silverscreen. The default file structure for the LaCie silverscreen is already optimized for Windows 98SE/Me users.



**Important Info:** **Mac OS 9.x Users!** In order to reformat your LaCie silverscreen, you will need to utilize a third-party disk utility program, such as LaCie's Silverlining.



**Important Info:** When re-formatting the LaCie silverscreen, do not create multiple partitions. If multiple partitions are created, only the first partition will be accessible.

## 6.1. Re-formatting Your LaCie silverscreen – Windows Users



**Caution!** Following these steps will erase anything that is on the LaCie silverscreen. Therefore, if you have information that you want to protect or continue to use, backup this information before performing these steps.



**Important Info:** **Windows 98SE/Me Users!** Do NOT reformat your LaCie silverscreen. The default file structure for the LaCie silverscreen is already optimized for Windows 98SE/Me users.

### Windows 2000 And Windows XP

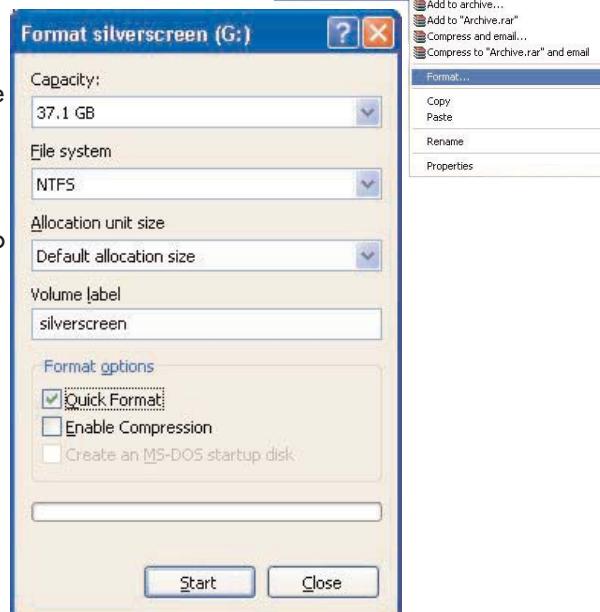
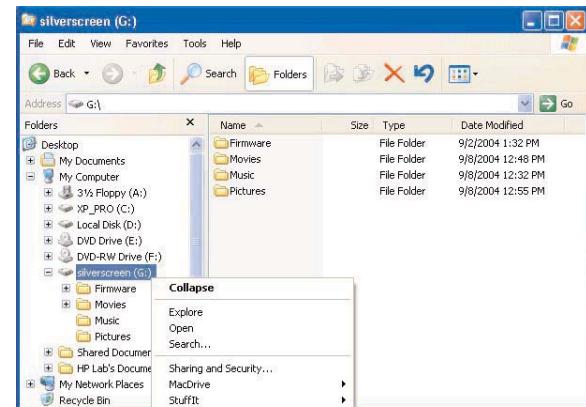
1) Using **Explorer**, search for and then select the LaCie silverscreen hard drive. Right-click on the drive and select **Format**.

2) The **Format** screen will appear, as shown below. Select **NTFS** for the files system, check the **Quick Format** box and then click on the **Start** button.

Your computer will begin the formatting process, and depending upon your system, your LaCie silverscreen should be re-formatted in a short period of time.

Once your LaCie silverscreen has been re-formatted, you will need to copy over the four file folders, **Firmware**, **Movies**, **Music** and **Pictures**, from the LaCie silverscreen Utilities CD-ROM.

Insert the LaCie silverscreen Utilities CD-ROM into your computer's internal CD/DVD-ROM drive. Open the LaCie silverscreen Utilities CD-ROM and then open the **Restore** folder. Copy the contents of the **Restore** folder back onto your LaCie silverscreen.



## 6.2. Re-formatting Your LaCie silverscreen – Mac Users



**Caution!** Following these steps will erase anything that is on the LaCie silverscreen. Therefore, if you have information that you want to protect or continue to use, backup this information before performing these steps.

### Formatting And Partitioning Using Mac OS 10.x Disc Utility

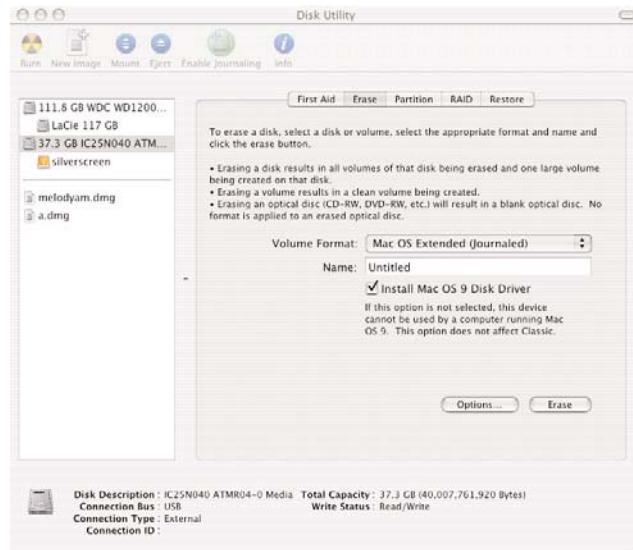
1) In the **Applications** menu, open the **Utilities** folder, and then double-click on **Disc Utility**.

2) The **Disc Utility** window will open. In the left side of the window will be a list of the available hard disk drives. You should see a volume that represents your internal hard drive, and one that represents the LaCie silverscreen.

3) Select the LaCie drive, and then click on the **Erase** tab.



**Caution!** Only use the **Erase** tab. Do not use the **Partition** function, or errors may occur.



4) In the **Volume Format** section, choose the volume format (Mac OS Extended, Mac OS Standard, MS-DOS File System or UNIX File System) and then create a name for the LaCie silverscreen.



**Tech Note:** Under Mac OS 10.3.x, the default format setting is Mac OS Extended (Journaled). Journaling provides a continuous record of changes to files on the hard drive. You will not be able to format in the MS-DOS File System, either, unless you choose the Erase tab in the Disc Utility window and create an entire MS-DOS File System volume. For more information, please refer to section [4.4.2. File System Formats - Mac Users](#).

5) Once you have finalized the volume format and name, click **Erase**. Mac OS 10.x will automatically setup the disk with the partitions and volume format you selected.

Once your LaCie silverscreen has been re-formatted, you will need to copy over the four file folders, **Firmware**, **Movies**, **Music** and **Pictures**, from the LaCie silverscreen Utilities CD-ROM.

Insert the LaCie silverscreen Utilities CD-ROM into your computer's internal CD/DVD-ROM drive. Open the LaCie silverscreen Utilities CD-ROM and then open the **Restore Folder**. Copy the contents of the **Restore Folder** back onto your LaCie silverscreen.

# 7. Technical Specifications

## 7.1. ISO Compatibility



**Important Info:** The LaCie silverscreen is not designed, intended or may be used to violate any one's copyright or other IP (Intellectual Property) rights. Each LaCie silverscreen user may only use their LaCie silverscreen in conjunction with materials legally owned or licensed by such user, and only to the extent that such ownership or license rights permit such use.

An .ISO file is an image of a DVD disc. This is a common format for DOS, Windows, Mac OS X, Linux and other operating systems. The LaCie silverscreen has the ability to playback .ISO files. ISO files of commercial DVDs will not play back due to encryption.

## 7.2. DivX® Compatibility



**Important Info:** The LaCie silverscreen is not designed, intended or may be used to violate any one's copyright or other IP (Intellectual Property) rights. Each LaCie silverscreen user may only use their LaCie silverscreen in conjunction with materials legally owned or licensed by such user, and only to the extent that such ownership or license rights permit such use.

DivX® is a new format for digital video, which utilizes a patent-pending video compression technology, based on the MPEG-4 compression standard. The LaCie silverscreen is fully compatible with the DivX® format and can playback any video encoded with this format, including versions 3.11, 4.x and 5.x. Please see section [5.2.1.4.7. DivX \(R\) VOD](#) for more information.



**Tech Note:** In order for the LaCie silverscreen to display subtitles in the DivX format, both the "movie.avi" and "movie.str" files should be placed in the same directory. Also, the subtitle file should be a Unicode file.

## 7.3. XviD Compatibility



**Important Info:** The LaCie silverscreen is not designed, intended or may be used to violate any one's copyright or other IP (Intellectual Property) rights. Each LaCie silverscreen user may only use their LaCie silverscreen in conjunction with materials legally owned or licensed by such user, and only to the extent that such ownership or license rights permit such use.

The LaCie silverscreen is fully compatible with the XviD format (an ISO, MPEG-4 compliant video codec), and can play any video encoded with this compression format.

## 7.4. File System Formats

The LaCie silverscreen is pre-formatted as a FAT 32 (MS-DOS) volume. You may customize the drive by reformatting and/or partitioning the drive with separate file system formats.

### 7.4.1. File System Formats – Windows Users

There are basically two file system formats for Windows: FAT 32 and NTFS. The following information will hopefully make choosing one or the other a little easier.

#### FAT 32

FAT is an acronym for File Allocation Table, which dates back to the beginnings of DOS programming. Originally, FAT was only 16 bits, but after the second release of Windows 95 it was upgraded to 32 bits, hence the name FAT 32. In theory, FAT 32 volume sizes can range from less than 1MB all the way to 2TB. It is the native file system of Windows 98 and Windows Me, and is supported by Windows 2000 and XP. When FAT 32 is used with Windows 2000 and XP, though, volume size is limited to 32GB (by the Windows partition utility, i.e. Disk Manager), and the individual file size is limited to 4GB.

#### NTFS

This acronym stands for New Technology Filing System, and it is the native file system for Windows NT, Windows 2000 and XP. NTFS offers several features that are not available with FAT 32; i.e. file compression, encryption, permissions, and auditing, as well as the ability to mirror drives and RAID 5 capabilities. The minimum supported volume size for NTFS is 10MB, with a maximum of 2TB, with no limit to file size. Volumes created in NTFS can only be directly accessed (not through shares) by Windows NT, Windows 2000 and XP, without resorting to help from third-party products.

#### Guidelines for Choosing FAT 32 Or NTFS

Use FAT 32 if:

- You want to access your data on any Operating System - FAT 32 is compatible with Windows 98 SE, Me, 2000, XP, NT, Mac OS 9.x and Mac OS 10.x (see Important Info note in section [7.4.2. File System Formats – Mac Users](#) for more information).

Use NTFS if:

- You want to optimize drive performance under Windows 2000 or XP.
- You will be reformatting partitions larger than 32GB.
- You need to store individual files that are larger than 4GB (such as .ISO files).

## **7.4.2. File System Formats – Mac Users**

The LaCie silverscreen is pre-formatted as a FAT 32 (MS-DOS) volume. You may customize the drive by reformatting and/or partitioning the drive with separate file system formats. For optimal performance in Mac OS environments, format and partition the drive as one large Mac OS Extended volume.

### **Mac OS Extended (HFS+)**

Mac OS Extended refers to the file system used by Mac OS 8.1 and later. HFS+ represents an optimization of the older HFS file system by using hard disk space more efficiently. With HFS+, you are no longer limited by block size.

### **MS-DOS File System (FAT 32)**

This is the Microsoft file system, more typically known as FAT 32. This is the file system to use if you are going to be using your LaCie drive between Macs and Windows operating systems.

### **UNIX File System**

This is the file system based on UNIX, and is preferable for users developing UNIX-based applications within Mac OS 10.x. Unless you have a specific reason to use the UNIX File System, you should instead format your drive using Mac OS Extended (HFS+), because it provides Mac users with a more familiar operating experience.

## **7.5. Available Storage Capacity**

A gigabyte (GB) means 1,000,000,000 bytes. In order to utilize a hard disk drive, it has to be formatted first. Formatting a disk consists of the following: the operating system erases all of the bookkeeping information on the disk, tests the disk to make sure that all of the sectors are reliable, marks bad sectors (i.e., those that are scratched) and creates internal address tables that it later uses to locate information. Once formatted, the actual available storage capacity varies, depending on operating environment, and is generally about 5 to 10% less than the non-formatted capacity.

## 7.6. Optimizing Data Transfers

Data transfers are the flow of data that accomplishes a task, usually related to moving data from storage to computer RAM, or between storage devices. With external drives, such as the LaCie silverscreen, the data is transferred from the drive to the computer via the USB interface. The data is fed from the drive through the USB port on the drive, and passes to the computer through the USB host-bus adapter interface.

### USB

To utilize the enhanced Hi-Speed USB 2.0 performance, your computer must be equipped with a Hi-Speed USB 2.0 host bus adapter card (either sold separately, or integrated by your computer's manufacturer) and the appropriate drivers. These host bus adapter cards, which include one or more USB ports, are shipped with special Hi-Speed USB 2.0 drivers that enable the computer to control the card. These drivers must be installed in order for USB 2.0 devices connected to the port to work at their correct speeds.

Computers running Windows 2000 and Windows XP automatically manage Hi-Speed USB 2.0 devices and drivers, while Windows 98 SE and Windows Me will require that drivers be installed before a Hi-Speed USB 2.0 device is attached.

Mac OS 9.x does not support Hi-Speed USB 2.0 functionality, and all Hi-Speed USB 2.0 devices will only operate at the original USB specifications. Mac OS 10.2.7 and later supports Hi-Speed USB 2.0, and Mac OS 10.x also supports Hi-Speed USB 2.0, but you will have to purchase a third-party PCI or PC Card and appropriate drivers.

Contact your LaCie reseller or LaCie Customer Support for information about Hi-Speed USB 2.0 PCI or PC Cards, or visit our Web site: [www.lacie.com](http://www.lacie.com).

## 8. USB Questions & Answers

### What Are The Benefits Of The USB Interfaces?

- Cross-platform: Use your USB peripherals on both Mac and Windows platforms.
- "Hot Swappable": No need to shut down or restart your computer when adding or removing a USB device. Plug it in and its ready.
- Automatic configuration: Once your device is connected, your computer recognizes the device and automatically configures the necessary software.
- Easy Installation: One standardized port and plug combination makes it simple to connect.

### What Is The Difference Between USB And Hi-Speed USB 2.0?

The main difference is speed. The original version of the interface is capable of throughput up to 12Mb/s. Hi-Speed USB 2.0 supports data speeds up to 480 Mb/s, making it 40 times faster than its predecessor. This increased bandwidth translates into higher performance in demanding applications requiring high transfer rates.

### What Are The Ideal Uses For USB?

USB is perfect for more traditional connections such as keyboards, mice, joysticks and scanners. These types of devices don't require fast data transfer rates, and operate very successfully at the slower speeds.

### What Are The Ideal Applications For Hi-Speed USB 2.0?

Digital cameras, CD/DVD drives, hard drives and scanners will all benefit from the added bandwidth and performance gains of the new implementation of the USB standard. Hi-Speed USB 2.0 provides the necessary fast data transfer rates that today's devices require, and combines the earlier specifications so older devices that operated under the original USB standards will still work with Hi-Speed USB 2.0.

### Will USB Devices Run Faster When Connected To A Hi-Speed USB 2.0 Bus?

Unfortunately, no. The Hi-Speed USB 2.0 specification is specifically written to allow developers to design higher speed peripherals that can take advantage of the extra bandwidth. USB devices, though, will still operate at 12Mb/s at full-speed and 1.5Mb/s at low-speed on a Hi-Speed USB 2.0 bus. Even though USB devices won't run any faster, they can work alongside Hi-Speed USB 2.0 devices on the same bus. However, if you plug in a Hi-Speed USB 2.0 device to a USB bus, the speed of the Hi-Speed USB 2.0 device will decrease to 12Mb/s.

For more information about the USB interface, please visit: [www.lacie.com/technologies](http://www.lacie.com/technologies)



#### Tech Note:

- Avoid using USB connectors found on certain peripherals such as keyboards. These are passive (or pass-through) connectors that lead to power loss and unstable operation.
- Only use USB cables shorter than 5 meters (approximately 15 feet). Using longer cables may cause the peripherals to malfunction due to excessive reduction in electrical signal strength.

## 9. Troubleshooting

In the event that your LaCie silverscreen is not working correctly, please refer to the following checklist to find out where the problem is coming from. If you have gone through all of the points on the checklist and your drive is still not working correctly, please have a look at the FAQs that are regularly published on our Web site – [www.lacie.com](http://www.lacie.com). One of these FAQs may provide an answer to your specific question. You can also visit the drivers page, where the most recent software updates will be available.

If you need further assistance, please contact your LaCie reseller or LaCie Technical Support (see [10. Contacting Customer Service](#) for details).

These Troubleshooting tips into three sections:

### 9.1. Troubleshooting – Windows Users

### 9.2. Troubleshooting – Mac Users

### 9.3. Troubleshooting – TV/Stereo Connection



#### Tech Note: Manual Updates

LaCie is constantly striving to give you the most up-to-date, comprehensive User's Manuals available on the market. It is our goal to provide you with a friendly, easy-to-use format that will help you quickly install and utilize the many functions of your new device.

If your manual does not reflect the configurations of the product that you purchased, please check our Web site for the most current version available.

## 9.1. Troubleshooting – Windows Users

The Problem	Questions To Ask	Possible Solutions
<b>The drive is not recognized by the computer.</b>	Is there an icon for the drive in My Computer?  Does your computer's configuration meet the minimum system requirements?  Did you follow the correct installation steps?  Are both ends of the USB cable firmly attached?	Go into <b>My Computer</b> and look for an icon and drive letter assigned to the LaCie drive. If the drive does not appear, follow the rest of the Troubleshooting tips to isolate the problem.  Check section <a href="#">2.1. Minimum System Requirements</a> for more information.  Review the installation steps under <a href="#">3.1. Connecting The LaCie silverscreen To Your Computer</a> .  • Disconnect the USB cable, wait 10 seconds and then reconnect. • Ensure that the USB connectors are properly aligned. USB cables can only be inserted one way. Make sure that they are correctly oriented. • Check that the USB connectors are straight and fully seated in the USB ports. • Only use certified USB cables, such as the cables provided with your LaCie drive. If you have followed all of these steps and the drive is still not recognized, shut down your computer, wait 3 to 5 minutes, restart your computer and try again.
	Are the USB cables correctly attached and the drive still will not power on?	The USB 2.0 specification has two different power requirements and the implementation of those requirements is dependent upon the computer manufacturer. If your computer is not providing enough power to your drive, you will need to use the additional USB Power Boost adapter. Please see section <a href="#">3.1.1. Connecting The USB Power Boost Adapter</a> for more information.

The Problem	Questions To Ask	Possible Solutions
The drive is not recognized by the computer.	Have the USB drivers been installed correctly and enabled?	<b>Windows 98 SE and Windows Me Users:</b> Go to <b>Start &gt; Settings &gt; Control Panel &gt; System &gt; Device Manager &gt; USB Controller</b> . Click on the + sign next to the controller icon, and you should see your device listed.  <b>Windows 2000 Users:</b> Go to <b>Start &gt; Settings &gt; Control Panel &gt; System &gt; Hardware tab &gt; Device Manager button &gt; USB Controller</b> . Click on the + sign next to the controller icon, and you should see your device listed.  <b>Windows XP Users:</b> Go to <b>Start &gt; Control Panel &gt; Performance and Maintenance &gt; System &gt; Hardware tab &gt; Device Manager button &gt; USB Controller</b> . Click on the + sign next to the controller icon, and you should see your device listed.
	Did you re-format the drive as a removable disk?	If you still can't see your device, recheck the cables and try the other troubleshooting tips listed here.
	Are you running Windows XP and recently installed Service Pack 2?	If the drive is configured as a removable disk drive under Windows Me, the removable setting will need to be re-checked each time that the drive is taken to a new system. To do this, go the <b>Device Manager (Start &gt; Settings &gt; Control Panel &gt; System &gt; Device Manager)</b> and click on the <b>Drives Settings</b> tab.
	Is there a conflict with other device drivers?	If you are running Windows XP and recently upgraded to Service Pack 2, when you plug in a USB device into a powered USB port on your computer, the device may not be available for use or it may not receive enough power. In this case, you will need the additional USB Power Boost adapter. Please see section <a href="#">3.1.1. Connecting The USB Power Boost Adapter</a> for more information.
		Contact LaCie Technical Support for help.

The Problem	Questions To Ask	Possible Solutions
<b>The drive turns on and off when you turn your computer on and off.</b>	Is the drive connected to your computer via USB?	This is normal. Your drive has an autoswitching power feature, which means that if your drive is connected to your computer, turning the computer on will automatically turn the drive on. Likewise, turning the computer off will automatically turn the drive off. If you wish to power off the drive while it is connected to your computer, first make sure that your computer is not accessing the drive and then follow the steps in section <a href="#">3.3. Disconnecting Your LaCie silverscreen From Your Computer</a> .
<b>The drive is not running noticeably faster when connected via Hi-Speed USB 2.0.</b>	Is the drive connected to a USB port on your computer?  Is the drive connected to a Hi-Speed USB 2.0 port on your computer?  Does your computer or operating system support Hi-Speed USB 2.0?	If your drive is connected to a USB port, this is normal. A Hi-Speed USB 2.0 device can only operate at Hi-Speed USB 2.0 performance levels when it is connected directly to a Hi-Speed USB 2.0 port. Otherwise, the Hi-Speed USB 2.0 device will operate at the slower USB transfer rates. For more information, please see sections <a href="#">7.6. Optimizing Data Transfers</a> and <a href="#">8. USB Questions And Answers</a> .  Check to see that the Hi-Speed USB 2.0 drivers for both your host bus adapter and device have been installed correctly. If in doubt, un-install the drivers and re-install them. Also, make sure that you are connected directly to a Hi-Speed USB 2.0 port on your computer. The LaCie silverscreen will not work properly when connected to a hub.  See sections <a href="#">2.1. Minimum System Requirements</a> and <a href="#">7.6. Optimizing Data Transfers</a> for more information.

## 9.2. Troubleshooting – Mac Users

The Problem	Questions To Ask	Possible Solutions
<b>The drive is not recognized by the computer.</b>	Is there an icon for the drive appear on the desktop?	There should be an icon for the LaCie drive on the desktop. If the drive does not appear, open <b>Apple System Profiler</b> and click on the <b>Devices and Volumes</b> tab. If your device is not listed, recheck the cables and try the other troubleshooting tips listed here.
	Does your computer's configuration meet the minimum system requirements?	Check section <a href="#">2.1. Minimum System Requirements</a> for more information.
	Did you follow the correct installation steps?	Review the installation steps under <a href="#">3.1. Connecting The LaCie silverscreen To Your Computer</a> .
	Are both ends of the USB cables firmly attached?	<ul style="list-style-type: none"><li>• Disconnect the USB cable, wait 10 seconds and then reconnect.</li><li>• Ensure that the USB connectors are properly aligned. USB cables can only be inserted one way. Make sure that they are correctly oriented.</li><li>• Check that the USB connectors are straight and fully seated in the USB ports.</li><li>• Only use certified USB cables, such as the cables provided with your LaCie drive. If you have followed all of these steps and the drive is still not recognized, shut down your computer, wait 3 to 5 minutes, restart your computer and try again.</li></ul>
	Is there a conflict with other device drivers or extensions?	Contact LaCie Technical Support for help.

The Problem	Questions To Ask	Possible Solutions
<b>The drive is not recognized by the computer.</b>	Are the USB cables correctly attached and the drive still will not power on?  Has the drive been formatted?	The USB 2.0 specification has two different power requirements and the implementation of those requirements is dependent upon the computer manufacturer. If your computer is not providing enough power to your drive, you will need to use the additional USB Power Boost adapter. Please see section <a href="#">3.1.1. Connecting The USB Power Boost Adapter</a> for more information.  Make sure that the drive has been formatted properly. Please see sections <a href="#">6.2. Resetting The File Structure – Mac Users</a> and <a href="#">7.4.2. File System Formats – Mac Users</a> for more information.
<b>Error messages under Mac OS 10.x.</b>	Does your computer's operating system support the file system?	Check your computer's documentation and see sections <a href="#">6.2. Resetting The File Structure – Mac Users</a> and <a href="#">7.4.2. File System Formats – Mac Users</a> for more information.
<b>The drive turns on and off when you turn your computer on and off.</b>	Did you get an "Error -50" message while copying to a FAT 32 volume?	When copying files or folders from Mac OS 10.x to a FAT 32 volume, certain characters cannot be copied. These characters include, but are not limited to: ? < > / \ : Check your files and folders to ensure that these types of characters are not being used.
	Is the drive connected to your computer via USB?	This is normal. Your drive has an autoswitching power feature, which means that if your drive is connected to your computer, turning the computer on will automatically turn the drive on. Likewise, turning the computer off will automatically turn the drive off. If you wish to power off the drive while it is connected to your computer, first make sure that your computer is not accessing the drive and then follow the steps in section <a href="#">3.3. Disconnecting Your LaCie silverscreen From Your Computer</a> .

The Problem	Questions To Ask	Possible Solutions
<b>The drive is not running noticeably faster when connected via Hi-Speed USB 2.0.</b>	Are you operating in Mac OS 9.x?	Apple does not support the Hi-Speed USB 2.0 standard under Mac OS 9.x. You will be limited to the slower transfer rates of the original USB standard. For more information, please see section <a href="#">7.6. Optimizing Data Transfers</a> .
	Are you operating in Mac OS 10.x?	Apple has only recently begun incorporating native Hi-Speed USB 2.0 ports in their computers. To achieve Hi-Speed USB 2.0 transfer rates, you will need to add a Hi-Speed USB 2.0 PCI or PC card to your computer. For more information, please see section <a href="#">7.6. Optimizing Data Transfers</a> .
	Is the drive connected to a standard USB port on your computer?	If your drive is connected to a standard USB port, this is normal. A Hi-Speed USB 2.0 device can only operate at Hi-Speed USB 2.0 performance levels when it is connected directly to a Hi-Speed USB 2.0 port. Otherwise, the Hi-Speed USB 2.0 device will operate at the slower USB transfer rates. For more information, please see sections <a href="#">7.6. Optimizing Data Transfers</a> and <a href="#">8. USB Questions &amp; Answers</a> .
	Is the drive connected to a Hi-Speed USB 2.0 port on your computer?	Check to see that the Hi-Speed USB 2.0 drivers for both your host bus adapter and device have been installed correctly. If in doubt, un-install the drivers and re-install them. Also, make sure that you are connected directly to a Hi-Speed USB 2.0 port on your computer. The LaCie silverscreen will not work properly when connected to a hub.
	Does your computer or operating system support Hi-Speed USB 2.0?	See sections <a href="#">2.1. Minimum System Requirements</a> and <a href="#">7.6. Optimizing Data Transfers</a> for more information.

## 9.3. Troubleshooting – TV/Stereo Connection

The Problem	Questions To Ask	Possible Solutions
<b>The silverscreen turns off on its own while being connected to the TV.</b>	How much time has passed since it was last used?	The LaCie silverscreen will automatically enter stand-by mode if it has been idle for 30 minutes. If this happens, simply press the Power button on the Remote Control to restart the LaCie silverscreen.
<b>Checking the firmware version.</b>	How do you know which firmware version your LaCie silverscreen is using?  How do you get new firmware, and how do you install it?	To check which firmware is currently installed on your LaCie silverscreen, attach it to your TV and use the Remote Control to navigate to the <b>Settings</b> menu. From this menu, select Firmware Update and press the Enter button on the Remote Control. This will bring up the firmware version information.  For a detailed explanation, please see section <a href="#">5.2.1.4.6. Firmware Update</a> .
<b>DivX® and XviD® compatibility.</b>	When a new version of DivX® or XviD® is released, will the LaCie silverscreen be able to play those files, too?  Does the LaCie silverscreen support external subtitles with DivX® files?	Provided that the new version complies with the ISO MPEG-4 standard, the LaCie silverscreen should be able to play the new versions.  Yes, the LaCie silverscreen does support this functionality by using Unicode text files with extensions .sub(MicroDVD format) and .srt. In order to work correctly, use the same file name for both the video file and subtitle text file, and store both of them in the same folder location on your LaCie silverscreen. For example, if the file name of the video file is "Movie.avi," then you will need to re-name the subtitle text as either "Movie.sub" or "Movie.srt."
<b>There is no picture being displayed.</b>	Are all of the cables connected correctly?	Ensure that all of the cables are connected correctly. If you are using the Composite A/V cable, make sure that the yellow video cable and S-Video connector are not plugged in at the same time. See section <a href="#">4. Connecting The LaCie silverscreen To Your TV And Digital Stereo</a> .

The Problem	Questions To Ask	Possible Solutions
The picture is in black and white or there is no picture being displayed.	Is the LaCie silverscreen's <b>Video</b> setting correctly set?	In the event that there is an error with the Video setting, press the VIDEO OUTPUT button on the Remote Control until the correct image is displayed. After the picture is being displayed, go into the <b>Settings</b> menu and select <b>Video Settings</b> . From there, you can select the correct settings. For more information, please see section <a href="#">5.2.1.4.3. Video Settings</a> .
Optimizing video connections.	What connectivity method will produce the best quality?	For optimal quality and performance, the best video connection is the Component A/V cable (sold separately). For more information, please contact your LaCie reseller or LaCie Customer Support.
There is no sound when connecting the LaCie silverscreen to a digital stereo.	Have the <b>Audio Settings</b> been adjusted?	When using the SPDIF cable to connect the LaCie silverscreen to a digital stereo, go into the <b>Settings</b> menu and select <b>Audio Settings</b> . From this menu, you will need to select the <b>Digital</b> option instead of <b>Analog</b> .
There is no sound when connecting the LaCie silverscreen to a TV.	Have the <b>Audio Settings</b> been adjusted?	When using the A/V cable to connect the LaCie silverscreen to a TV, go into the <b>Settings</b> menu and select <b>Audio Settings</b> . From this menu, you will need to select the <b>Analog</b> option instead of <b>Digital</b> .
Displaying song information.	Does the LaCie silverscreen support ID3 tags?	Yes, the LaCie silverscreen supports ID3 tags. Press the INFO button during playback to see them displayed.
Viewing photos.	Does it take several seconds to load a picture?	Depending on file size, photos may take several seconds to load properly. Reducing the photo's resolution will reduce the file size, as well, and allow the file to load faster.
"Empty Folder" message appears.	Are there compatible files in the appropriate folder?	If you know that there are compatible files in the folder and they are not being displayed, disconnect the USB Power Supply, wait several seconds, and then reconnect the USB Power Supply. Your files should now be displayed.

# 10. Contacting Customer Support

## Before You Contact Technical Support

1) Read the manuals and review the [Troubleshooting](#) section.

2) Try to isolate the problem. If possible, make the drive the only external device on the CPU, and make sure that all of the cables are correctly and firmly attached.

If you have asked yourself all of the pertinent questions in the troubleshooting checklist, and you still can't get your LaCie drive to work properly, contact us via the provided Web link. Before contacting us, make sure that you are in front of your computer and that you have the following information on hand:

- Your LaCie drive's serial number
- Operating system(Mac OS or Windows) and version
- Computer brand and model
- Names of CD or DVD drives installed on your computer
- Amount of memory installed
- Names of any other devices installed on your computer

## **LaCie Technical Support**

### **LaCie Australia**

Contact Us At:

<http://www.lacie.com/au/contact/>

### **LaCie Canada**

Contact Us At:

<http://www.lacie.com/caen/contact/> (English)

### **LaCie Finland**

Contact Us At:

<http://www.lacie.com/fi/contact>

### **LaCie Germany**

Contact Us At:

<http://www.lacie.com/de/contact/>

### **LaCie Japan**

Contact Us At:

<http://www.lacie.co.jp>

### **LaCie Norway**

Contact Us At:

<http://www.lacie.com/no/contact/>

### **LaCie Sweden**

Contact Us At:

<http://www.lacie.com/se/contact/>

### **LaCie United Kingdom & Ireland**

Contact Us At:

<http://www.lacie.com/uk/support/request>

### **LaCie Grand Export**

Contact Us At:

<http://www.lacie.com/intl/contact/>

### **LaCie Belgium**

Contact Us At:

<http://www.lacie.com/be/contact/>

### **LaCie Denmark**

Contact Us At:

<http://www.lacie.com/dk/contact/>

### **LaCie France**

Contact Us At:

<http://www.lacie.com/fr/contact/>

### **LaCie Italy**

Contact Us At:

<http://www.lacie.com/it/contact/>

### **LaCie Netherlands**

Contact Us At:

<http://www.lacie.com/nl/contact/>

### **LaCie Spain**

Contact Us At:

<http://www.lacie.com/es/support/request>

### **LaCie Switzerland**

Contact Us At:

<http://www.lacie.com/chfr/contact>

### **LaCie USA**

Contact Us At:

<http://www.lacie.com/contact/>

## 11. Warranty

LaCie warrants your drive against any defect in material and workmanship, under normal use, for the period designated on your warranty certificate. In the event this product is found to be defective within the warranty period, LaCie will, at its option, repair or replace the defective drive.

This warranty is void if:

- The drive was operated/stored in abnormal use or maintenance conditions;
- The drive is repaired, modified or altered, unless such repair, modification or alteration is expressly authorized in writing by LaCie;
- The drive was subjected to abuse, neglect, lightning strike, electrical fault, improper packaging or accident;
- The drive was installed improperly;
- The serial number of the drive is defaced or missing;
- The broken part is a replacement part such as a pickup tray, etc.
- The tamper seal on the drive casing is broken.

LaCie and its suppliers accept no liability for any loss of data during the use of this device, or for any of the problems caused as a result.

LaCie will not, under any circumstances, be liable for direct, special or consequential damages such as, but not limited to, damage or loss of property or equipment, loss of profits or revenues, cost of replacement goods, or expense or inconvenience caused by service interruptions.

Any loss, corruption or destruction of data while using a LaCie drive is the sole responsibility of the user, and under no circumstances will LaCie be held liable for the recovery or restoration of this data.

Under no circumstances will any person be entitled to any sum greater than the purchase price paid for the drive.

To obtain warranty service, call LaCie Technical Support. You will be asked to provide your LaCie product's serial number, and you may be asked to furnish proof of purchase to confirm that the drive is still under warranty.

All drives returned to LaCie must be securely packaged in their original box and shipped with postage prepaid.



**Important Info:** Register online for free technical support: [www.lacie.com/register](http://www.lacie.com/register)

## Glossary

**16:9** – Also known as WideScreen, this is an aspect ratio used primarily in widescreen TVs, and, in Europe, in particular, in an increasing number of television programs. This aspect ratio is best suited for a widescreen TV display.

**4:3 LetterBox** – Also known as LetterBox, this is the aspect ratio of traditional TV pictures. In this format, a full widescreen image is displayed, but black bars will be visible above and below the screen image.

**4:3 PanScan** – Also known as Pan & Scan, this is also within the aspect ratio of traditional TV pictures. In this format, a widescreen image is displayed as a 4:3 image, which is narrower than the original (the left and right edges of the picture may be outside the range of the TV screen).

**480p** – Also known as 480 progressive, this is a form of standard-definition digital television (SDTV) which is similar to VGA computer displays. A DVD's resolution is 480p, but this resolution can only be seen when the DVD player outputs a progressive-scan signal, and the television has progressive-scan or component-video inputs.

**480i** – Also known as 480 interlaced, this is another form of standard-definition digital television (SDTV) that approximates the quality of analog television. Although a DVD's resolution is 480p, it is often viewed at 480i on NTSC analog televisions.

**720p** – Also known as 720 progressive, this is one of two formats designated as a high-definition digital television (HDTV), ATSC DTV standard. This technology uses progressive scanning and is comprised of 720 vertical pixels by 1,280 horizontal pixels.

**1080i** – Also known as 1080 interlaced, this is the second of two formats designated as a high-definition digital television (HDTV), ATSC DTV standard. This technology uses interlaced scanning and is comprised of 1,080 vertical pixels by 1,920 horizontal pixels.

**AC3 (Audio Coding 3)** – This is an advanced audio compression technology that allows encoding of six separate channels at a bit rate of 448kbit/s.

**AVI (Audio Video Interleave)** – A file format that can contain audio/video compressed standards using different combinations of codecs (e.g. DivX® video file and a WMA audio file). As long as the codec is available for encoding/decoding, AVI can contain many different combinations of audio and video files.

**Backup** – (1) The act of creating at least one additional copy of data onto a different (and safe) storage device from where it can be retrieved at a later time if needed. (2) A copy of a file, directory, or volume on a separate storage device from the original, for the purposes of retrieval in case the original is erased, damaged, or destroyed.

**Bit** – The smallest measure of computerized data, either a 1 or a 0. Eight bits equal one byte, or one character.

**Block** – A very small section of the storage media comprised of one or more sectors. A block is the smallest amount of space allocated on a drive for data storage. By default, a sector of data consists of 512 bytes.

**Byte** – A sequence of adjacent binary digits, or bits, considered as a unit, 8 bits in length. There are 8 bits in 1 byte. See also MB (Megabyte) or GB (Gigabyte).

**Digital** – Discrete information that can be broken down to zero or one bits.

**DivX®** – A new video codec developed from the new MPEG-4 compression standard, which allows for compression/decompression of videos into a specified format. The DivX® codec can play movies using any DivX®-enabled player, such as the LaCie silverscreen. DivX® movies offer better compression and higher quality than standard MPEG movies.

**Driver (peripheral manager)** – A software component that enables the computer system to communicate with a peripheral. Most peripherals will not operate correctly – if at all – if the appropriate drivers are not installed on the system.

**DTS** – Digital sound technology, which provides the technology for virtually all movie soundtracks.

**File System** – Links the physical map of a disc to its logical structure. Thanks to the file system, users and computers can easily display path, directories and files recorded onto the disc.

**Firmware** – Permanent or semi-permanent instructions and data programmed directly into the circuitry of a programmable read-only memory or an electronically-erasable, programmable read-only memory chip. Used for controlling the operation of the computer or tape drive. Distinct from the software, which is stored in random access memory and can be altered.

**Folder** – A list created on a disk to store files. Creating folders and sub-folders enables you to organize the storage of your files in a logical, hierarchical manner so that you can find and manage them more easily.

**Format, -ting, -ted** – This is a process where a device is prepared to record data. In this process, the hard disk writes special information onto its own recording surfaces into areas (blocks) that are ready to accept user data. Since this operation causes all current user data stored on the hard disk to be lost, this is an infrequent operation that usually only happens at the factory that created the hard disk. It is unusual for something to happen to a hard disk that requires the end-user to initially perform this operation.

**GB (GigaByte)** – This value is normally associated with data storage capacity. Basically, it means a thousand million or a billion bytes. In fact, it equals 1,073,741,824 bytes (or  $1,024 \times 1,024 \times 1,024$ ).

**ID3 Tag** – An embedded tag in MP3 files that communicates a song's title, artist and album. These tags can be edited.

**Initialize, -ed, Initialization** – After a hard drive (or other storage device) is formatted and partitioned, some special data needs to be written to it that helps the Mac and Windows create files and save data. The process is called initialization. This process, like formatting, causes all user data on the storage device to be lost.

**Kb (Kilobit)** – Equivalent to 1,000 bits.

**Kb/s** – Kilobits per second. 480Kb/s is equal to 60KB/s.

**KB (KiloByte)** – Basically, this means 1,000 bytes, but it is actually 1,024 bytes.

**KB/s** – Kilobytes per second. A means of measuring throughput.

**Mb (Megabit)** – Equivalent to 1,000,000 bits.

**Mb/s** – Megabits per second. A means of measuring throughput. 480Mb/s is equal to 60MB/s.

**MB (Megabyte)** – Basically means one million bytes, but is actually 1,024 Kilobytes or  $1,024 \times 1,024$  bytes, which equals 1,048,576 bytes.

**MB/s** – Megabytes per second. A means of measuring throughput.

**MPEG (Motion Picture Experts Group)** – These are the developers of the MPEG-1 (VideoCDs), MPEG-2 (DVDs and SuperVCDs) and MPEG-4 (DivX®, WMV) video compression standards. The MPEG group is also responsible for the development of the MP3 and AAC audio compression standards.

**NTSC (National Television Standards Committee)** – This group is responsible for the development of a set of protocols used for transmission and reception of TV broadcasts in the United States. An NTSC image has 525 horizontal lines per frame, which are interlaced from left to right, top to bottom. NTSC signals are not directly compatible with computer systems. There are two other standards which are used in other parts of the world: PAL and SECAM.

**PAL (Phase Alteration Line)** – This is the analog TV display commonly used in Europe. The PAL image has 625 horizontal lines per frame, and the color definition differs slightly from the NTSC standard.

**Utility** – Software designed to perform maintenance tasks on the system or its components. Examples include backup programs, programs to retrieve files and data on disk, programs for preparing (or formatting) a disk or and resource editors.

**Volume** – A desktop mountable storage area, may be a partition of a hard drive, a removable disk or a cartridge. Typically measured in Megabytes or Gigabytes.

**VOB (Video OObjects)** – The format in which DVD movies are stored. Within each VOB file, a number of video/audio/subpicture streams are stored. Subpicture streams refer to the subtitles on DVDs and other VOB files. These subtitles are video streams that overlay the main picture stream, and can be turned on or off.

**WMA (Windows Media Audio)** – An audio format developed by Microsoft® for audio streaming and compression.

**XviD** – A video codec, very similiar to DivX®, based on the MPEG-4 compression standard. This an open-source video codec that is currently being developed around the world. The XviD codec can play movies using any XviD-enabled player, such as the LaCie silverscreen.